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silicon AND diffusion AND aluminum AND oxide | Search |

☑ All journal sources   ☑ All Web sources   ☐ Exact phrase

Searched for::   All of the words: **silicon** AND **diffusion** AND **aluminum** AND **oxide**

Found::   :**23 total** | **6 journal results** | **17 Web results**

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Your query was rewritten to:
"silicon diffusion" AND "aluminum oxide"
We did this by adding quotes to common phrases, and by removing non-essential words.
- Repeat without rewrite

Or refine using:

All of the words ▼

| refine |

☐ **1.** Elementary reaction schemes for physical and chemical vapor deposition of transition metal oxides on silicon for high-k gate ...
D. Niu / R. W. Ashcraft / M. J. Kelly / J. J. Chambers / T. M. Klein / G. N. Parsons, *Journal of Applied Physics*, Apr 2002
...oxides and CVD **aluminum-oxide** systems. **Silicon diffusion**, metal-**silicon**...step. For CVD **aluminum oxide**, interface oxidation...process limited by **silicon diffusion** into the deposited **oxide** layer. © 2002...and energetics. **Diffusion** interface formation...
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☐ **2.** Novel sol-gel process depositing α-Al$_2$O$_3$ for the improvement of graphite oxidation-resistance
Bahlawane, N., *Thin Solid Films*, Sep 2001
...pre-coated with a **silicon oxide** layer. **Aluminum oxide** Coatings Crystallization...procedure Deposition of **aluminum oxide** thin film has been...using non-etched **silicon** wafers. This choice...interaction between **aluminum oxide** and **silicon oxide** in the final...
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☐ **3.** The aluminum-silicon eutectic reaction: mechanisms and crystallography
Makhlouf, M.M. / Guthy, H.V., *Journal of Light Metals*, Nov 2001
...to allow **diffusion** in the liquid...Al-Si system, **silicon** is a non...isotropic **aluminum** phase.
Consequently...long-range **diffusion**, and by a...Some of the **silicon** crystals...undercooling of the **aluminum** phase by...nodes of **aluminum**. Elliott...lateral solute